142 Main Street Post Office Box 192 Clifton, TN 38425



Office of the Public Works Director (931) 676-3370 (phone) (931) 676-5390 (fax)

City of Clifton

Tennessee

07/12/2021

Clifton STP #2 Response Letter

Gary Horne
Division of Water Resources
Columbia Environmental Field Office

Dear Gary Horne,

We appreciate the Columbia Environmental Field Office's assistance in helping the City of Clifton in our efforts with providing a safe and effective service while protecting our surrounding environment and water ways. This is the City of Clifton's response letter for the inspection on our WWTP, Clifton STP #2. During our inspection on May 25, 2021, four events were outlined as violations. With this letter we will address the violations, the cause of those violations, and their return to compliance.

- March 2019- Total Suspended Solids (TSS)
 - -Our TSS readings were higher than usual for the month of March 2019 due to excessive rain fall and flooding in our area. The effluent flow probe was flooded inside of the contact chamber causing the probe to read higher than normal. Those higher-than-normal reads artificially cause the TSS Effluent Pounds formula to increase. Once the contact chamber level lowered the following day, our TSS resumed compliance levels.
- <u>December 2019</u>- 5-Day Biological Oxygen Demand (BOD)
 - -Our 5-day BOD sampling for December 2019, was reduced due to increased rain fall. Excessive rain fall dilutes our influent samples, which in turn decreases the removal potential during detention. The WWTP resumed compliance the following month.
- April 2020- 5-Day Biological Oxygen Demand (BOD)
 - -Our 5-day BOD sampling for April 2020, was reduced due to increased rain fall. Excessive rain fall dilutes our influent samples, which in turn decreases the removal potential during detention. Algae blooms had formed within the detention ponds which can obscure BOD sampling as well.
- May 2020- 5-Day Biological Oxygen Demand (BOD)
 - -Our 5-day BOD sampling for May 2020, was reduced due to increased rain fall. Excessive rain fall dilutes our influent samples, which in turn decreases the removal potential during detention. Algae blooms had formed within the detention ponds which can obscure BOD sampling as well. The WWTP resumed compliance the following month.

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Again, we would like to thank Mr. Horne for his cooperation and assistance during our inspection. Feel free to contact us is any further information is needed.

V/r Austin Clark City of Clifton Public Works Director

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